

ODP 81-744
12 JUN 1981

MEMORANDUM FOR: Director of Scientific and Weapons Research
FROM: Bruce T. Johnson
Director of Data Processing
SUBJECT: Graphic Plotting Support
REFERENCE: Your memo dtd 9 Jun 81, same subject

1. Your concern with respect to the adequacy of our plotter support has been the subject of many discussions between our Engineering Division and representatives of the Versatec Company. Your production load represents the single largest use of the Ruffing Center plotter.

2. We have already put in place an alternative plan for maintaining the Versatec plotters that are a part of the TABS facility. If this proves to be successful, we will extend it to include the Ruffing Center plotters. In addition, we have ordered an improved model of the plotter device itself so as to provide two plotters for your use centrally.

3. I am confident that these steps will ensure that your critical plotting requirements will be satisfied.

/s/ Bruce T. Johnson
Bruce T. Johnson

cc: DD/P/ODP
C/ED/ODP

O/D/ODP/ 2 Jun 81

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ODP # 81-73

9 JUN 1981

MEMORANDUM FOR: Director of Data Processing

SUBJECT : Graphic Plotting Support

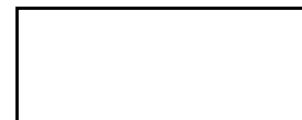
Bruce -

1. OSWR analysts have encountered a particularly intractable problem in use of the Ruffing Center's Versatec Plotter. The appropriate ODP personnel have been doing their best to correct the problem; however, it appears that their best efforts alone will not be enough, so that I believe the problem should come to your attention.

2. We depend upon a graphic representation for much of the data which we analyze. The graphic representation most frequently used is a plot generated on the ODP mainframe and plotted on the Versatec plotter in Room GC03. Over the past few months this plotter has not been reliable. The major problems of the plotter have been unuseable plots and downtime. The plots have been unuseable due to smearing of the plot, smearing over the plot, crumpled paper, and missing data in the middle of a plot; frequently these plots are in many pieces. All of these problems require OSWR analysts to rebatch the job to recreate the plot. When the hardware fails and the plotter becomes inoperable, the time required for repair is quite long -- up to two weeks in one instance. Unfortunately, no back-up plotter exists which would permit our analysts to continue with their analytic projects during the down time.

3. OSWR/AVAD submits to the mainframe an average of 40 production jobs a day for plots. With the plot capability removed from the main computer system the number of events to be analyzed grows rapidly and AVAD is unable to provide a timely response to its consumers.

4. I recommend that you consider acquiring a back-up plotter, and also consider the advisability of more effective maintenance arrangement for such plotters. The ODP personnel who have been working with us on this problem could probably provide some worthwhile suggestions for improved maintenance.



E. WAYNE BORING
Director

Office of Scientific and Weapons Research

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